Commonality Opportunity Review Process (CORP) Recommendation Package

Date

XXX CORP Team Lead

OUTLINE

- **Description of Common Opportunity**
- **Platform Users (including those that were dropped and rationale)**
- **Critical Customer Requirements**
- **Alternatives Considered (Technical and Programmatic)**
  - **Description**
  - **Schedule**
  - **Risks**
- **BCA Results**
  - **Total Ownership Cost (R&D, Procurement, O&S)**
    - *Follow standard template on slide(s)*
- **Recommendation**

Common Opportunity

- **Description of Common Opportunity**

Platforms

- **List of Platform Users (including those that were dropped and rationale)**

Critical Customer Requirements

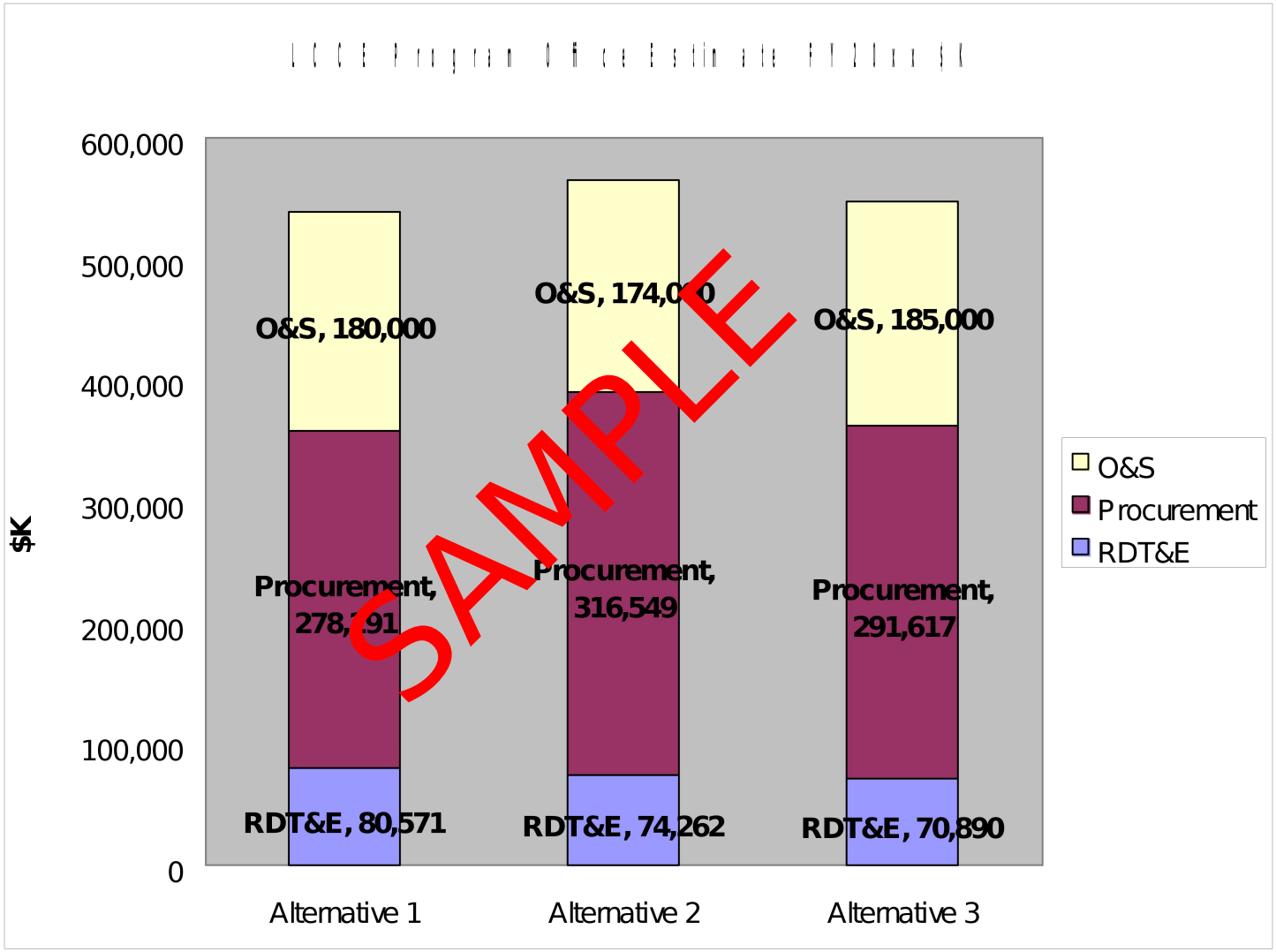
- **Insert Final Critical Customer Requirements Matrix and add any needed verbage**

Alternatives Considered

- **List of Alternatives Considered (Technical and Programmatic)**
  - **Description**
  - **Schedule**
  - **Risks**

BCA Results
LCCE Comparison

Format to be used:

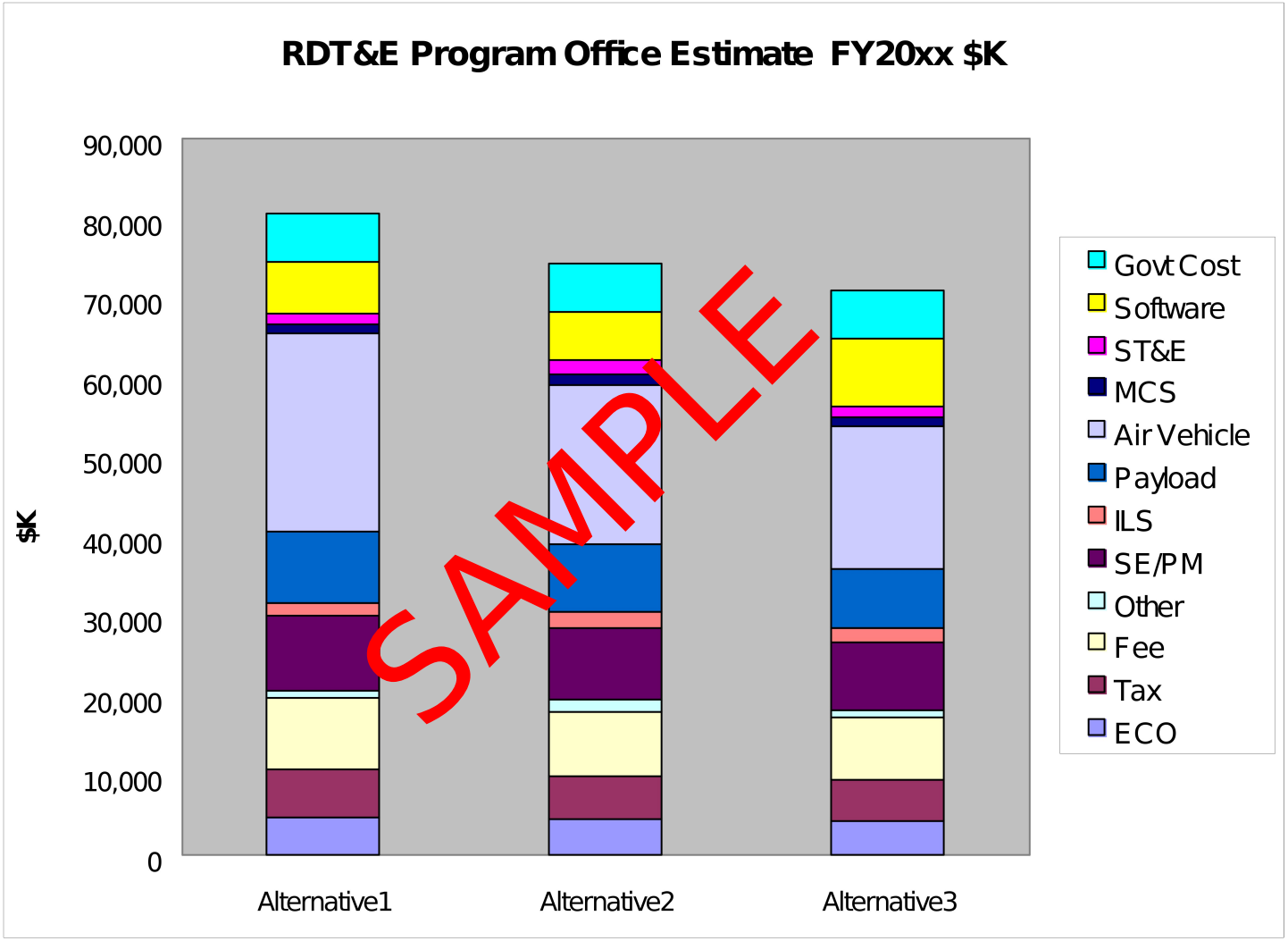


Recommendation

- Description of Recommendation
  - Summary of alternatives
    - BCA results
    - Technical and programmatic risks
    - Implementation Schedule
    - Performance
  - Reasons for recommendation

BCA Results
Backup Formats

RDT&E SUMMARY
FYXX $K



ALTERNATIVE 1
GROUND RULES AND ASSUMPTIONS
RDT&E

- RDT&E is SDD Only
- Quantities
  - Air Vehicles = 5 SDD + 5 LRIP 1
  - GCS = 1 SDD + 1 LRIP 1
  - 1 Contractor SIL + 1 Government SIL @ PAX
- 1.03M Equivalent Source Lines of Code (ESLOC)
- Ground Test (Static/Fatigue, SIL testing, Wind Tunnel)
- DT/OT Flight Test hours = 1,673
- 500 OPEVAL + 300 FOT&E Flight Test hours
- Labor Rates based on FPRA
- Fee 10%

ALTERNATIVE 1
Cost Estimating Methodology Matrix (CEMM)
RDT&E (FYXX $K)

Alternative1	POE FY0x $K	CEMM
Other	900	Explanation….
SE/PM	9500	
ILS	1500	
Payload	9000	
Air Vehicle	25000	
MCS	1000	
ST&E	1500	
Software	6500	
Contractor SubTotal	**54900**	
Fee	8985	
ECO	4792	
Contractor Total	**68677**	
Govt Cost	6000	
Tax	5894.16	
Total	**80571.16**	

- Repeat for other options

PROCUREMENT SUMMARY
FYXX $K

ALTERNATIVE 1
GROUND RULES AND ASSUMPTIONS
PROCUREMENT

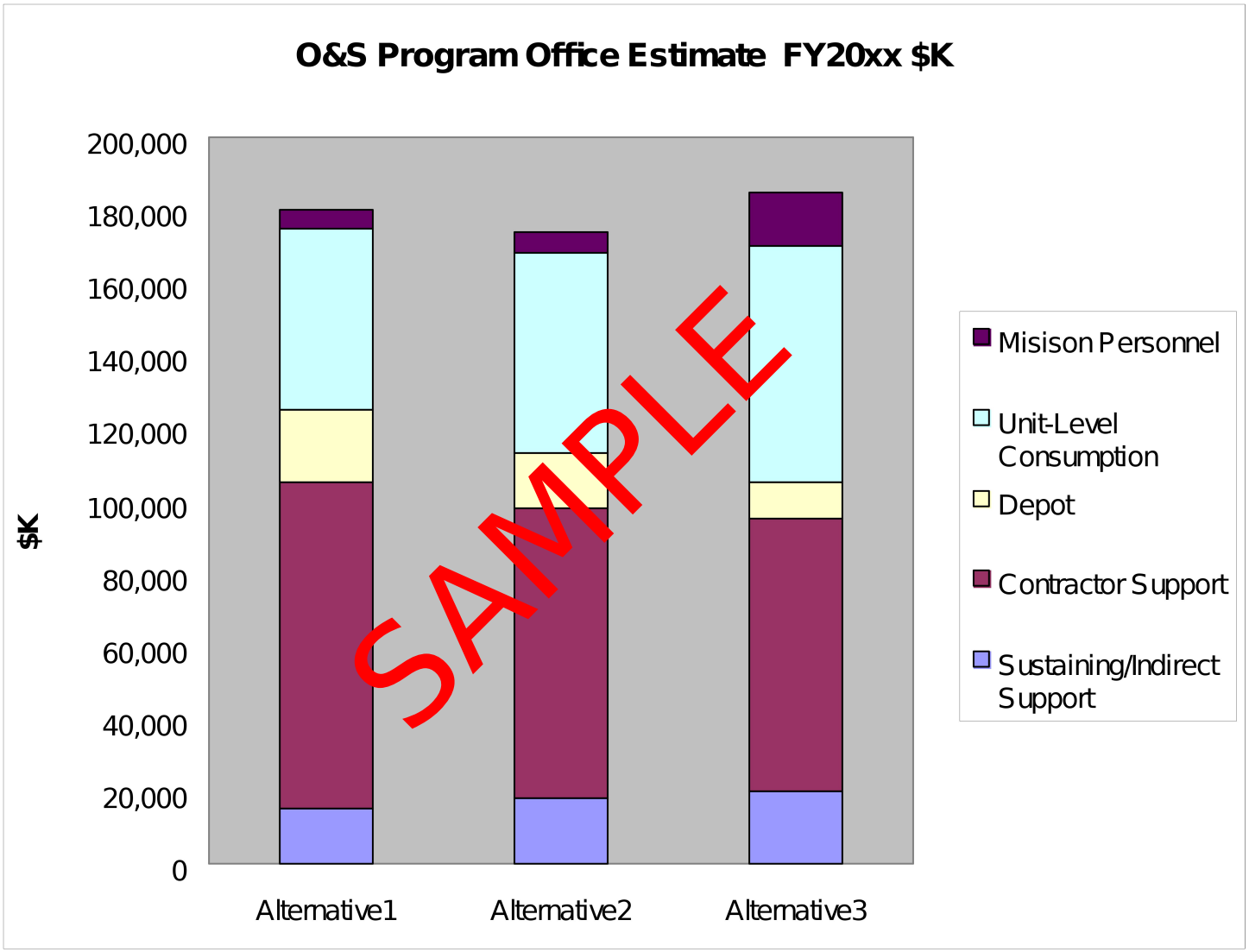
- LRIP 1 through Full Rate Production (FRP)
  - LRIP1 under APN
- Production quantity based on technical assessment to sustain Full Operating Capability (FOC) over 20 years factoring in Attrition and Fatigue
  - Procurement Quantity = **XXXXX**
- Quantity Analysis Drivers
  - Primary Aircraft Assigned (PAA) = **XXXXX**
    - **XXXX** per site / 80% Availability
  - Annual Flight Hours = 63,200
  - Attrition = 4 per 100K flight hours
  - Fatigue = 35,000 hours
- ILS Support includes Interim Contractor Support (ICS) through Material Support Date (MSD)
- Fee = 15%

ALTERNATIVE 1
Cost Estimating Methodology Matrix (CEMM)
Procurement (FYXX $K)

Alternative1	POE FY0x $K	CEMM
SE/PM	35000	Explanation….
ILS	20000	
Payload	15000	
Air Vehicle	85000	
Other	2200	
GCS	16000	
ICS	8000	
Contractor SubTotal	**181200**	
Fee	21296	
ECO	14496	
Contractor Total	**216992**	
Withholding	36298.8	
Govt Cost	25000	
Total	**278290.8**	

- Repeat for other options

O&S SUMMARY
FYXX $K



ALTERNATIVE 1
GROUND RULES AND ASSUMPTIONS
O&S

- O&S shown in following chart includes MILCON
- O&S costs consists of a 4-year ramp-up commencing with Initial Operating Capability (IOC), and then 20 years of full operating capability
- Primary O&S cost drivers:
  - Primary Aircraft Assigned (PAA), i.e., number of aircraft supported
    - 25 Flight hours
    - 211 FHS/o (63,200 FHS per year)
  - Mission Personnel and Contractor Support based on Manpower Estimate Report (MER)

ALTERNATIVE 1
Cost Estimating Methodology Matrix (CEMM)
O&S (FYXX $K)

Alternative1	POE FY0x $K	CEMM
Unit-Level Consumption	50000	Explanation….
Misison Personnel	5000	
Depot	20000	
Sustaining/Indirect Support	15000	
Contractor Support	90000	
O&S Total	**180000**	

- Repeat for other options